

**To:** CN=Jill Dean/OU=DC/O=USEPA/C=US@EPA;CN=Nathan Wiser/OU=R8/O=USEPA/C=US@EPA;CN=Rebecca Daiss/OU=DC/O=USEPA/C=US@EPA;CN=Susan Sharkey/OU=DC/O=USEPA/C=US@EPA;CN=Megan Fleming/OU=DC/O=USEPA/C=US@EPA;CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Nathan Wiser/OU=R8/O=USEPA/C=US@EPA;CN=Rebecca Daiss/OU=DC/O=USEPA/C=US@EPA;CN=Susan Sharkey/OU=DC/O=USEPA/C=US@EPA;CN=Megan Fleming/OU=DC/O=USEPA/C=US@EPA;CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Rebecca Daiss/OU=DC/O=USEPA/C=US@EPA;CN=Susan Sharkey/OU=DC/O=USEPA/C=US@EPA;CN=Megan Fleming/OU=DC/O=USEPA/C=US@EPA;CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Susan Sharkey/OU=DC/O=USEPA/C=US@EPA;CN=Megan Fleming/OU=DC/O=USEPA/C=US@EPA;CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Megan Fleming/OU=DC/O=USEPA/C=US@EPA;CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Ross Geredien/OU=DC/O=USEPA/C=US@EPA;CN=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Cindy Roberts/OU=DC/O=USEPA/C=US@EPA;CN=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Leigh DeHaven/OU=DC/O=USEPA/C=US@EPA;CN=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Chuck Tinsley/OU=R8/O=USEPA/C=US@EPA;CN=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]; N=Stephen Kraemer/OU=ATH/O=USEPA/C=US@EPA[]

**Cc:** CN=Guy Cole/OU=DC/O=USEPA/C=US@EPA;CN=Susan Burden/OU=DC/O=USEPA/C=US@EPA;CN=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA[]; N=Susan Burden/OU=DC/O=USEPA/C=US@EPA;CN=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA[]; N=Fred Hauchman/OU=DC/O=USEPA/C=US@EPA[]

**From:** CN=Jeanne Briskin/OU=DC/O=USEPA/C=US

**Sent:** Wed 8/8/2012 1:07:11 PM

**Subject:** quick turnaround review requested ACTION: Another GAO Draft Report for Review - this one is: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT (JC 361350)

GAO\_12\_732 (DRAFT).pdf  
KehrC@gao.gov  
SpaanJ@gao.gov

We just received this draft report yesterday. It contains a fair amount of material of which we have knowledge. We need to review this draft and provide comments. We may also be asked to review comments from other parts of ORD and make a recommendation regarding the overall ORD response.

Since EPA wide comments are due back to GAO 8/20, we will need to complete our review in a week or less, in order to provide time for our comments to be combined with those from other parts of ORD and reviewed by Ramona.

FYI -- the other ORD offices and labs, regions and programs will also be doing their own reviews in parallel to ours, so we do not have to reach out to them to make sure that they cover parts relevant to them.

Please take a quick look at the attached report. Lets meet briefly and figure out who should provide comments on which section so we compliment and do not duplicate efforts unnecessarily.

I'll send around a meeting invitation for later today.

thanks!

Jeanne

Jeanne Briskin  
Office of Science Policy  
Office of Research and Development  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W. (8104R)  
Washington, D.C. 20460  
(202) 564-4583 - office  
(202) 565-2911 - fax  
briskin.jeanne@epa.gov

Address for Deliveries:  
US EPA  
Ronald Reagan Building --Room 51144  
Washington DC 20004

From: MarkT Howard/DC/USEPA/US  
To: Norman Adkins/RTP/USEPA/US  
Cc: Hyon Kim/DC/USEPA/US@EPA, Marilyn Ramos/DC/USEPA/US@EPA, Michael Mason/DC/USEPA/US@EPA, Johnsie Webster/DC/USEPA/US@EPA, Gwendolyn Spriggs/DC/USEPA/US@EPA, Mindy Kairis/DC/USEPA/US@EPA, Marna McDermott/DC/USEPA/US@EPA, Maureen Hingeley/DC/USEPA/US@EPA, Courtney Hyde/DC/USEPA/US@EPA, Pamala List/DC/USEPA/US@EPA, Bobbie Trent/DC/USEPA/US, Lorraine Fleury/R3/USEPA/US@EPA, Wayne Anthofer/R8/USEPA/US@EPA, Susan Jenkins/R6/USEPA/US@EPA, Reynaldo Gomez/R6/USEPA/US@EPA, Eric Levy/R5/USEPA/US@EPA, Kathy Finazzo/R7/USEPA/US@EPA, Mara Notbusch/R5/USEPA/US@EPA  
Date: 08/06/2012 03:21 PM  
Subject: Fw: Oil and Gas: Information on Shale Resources, Development, and Environmental and

Public Health Risks (GAO-12-732)- DRAFT (JC 361350)

Didn't read the due date carefully.

We have just two weeks to get comments back to GAO..

That is comments are due to GAO on Monday, August 20, 2012.

Norm,

GAO has just sent us the draft report for the other fracking job JC 361350 (Energy Resources and Risks Associated with Hydraulic Fracturing).

It is attached below. As the lead office, we ask that you coordinate the response process and consolidate any technical error corrections, comments, or suggestions for GAO.

Consolidated comments are due back to the GAO Liaison Team by Sept 4th. GAO by Aug 20th.

GAO is not making any recommendations for this report (neither EPA nor anyone else).

This one is only 74 pages cover to cover.

If we do not want to send a formal response to this report (as is typical for reports without recommendations) we can send comments to GAO via email.

Thanks,

Mark

MarkT Howard

GAO Liaison Team (2732A)

OCFO/OB

Ariel Rios North 4442P

United States Environmental Protection Agency

1200 Pennsylvania Ave., NW

Washington, DC 20460

Phone: 202-564-1697

EMail: howard.markt@epa.gov

----- Forwarded by MarkT Howard/DC/USEPA/US on 08/06/2012 02:42 PM -----

From: "Spaan, Jay" <SpaanJ@gao.gov>

To: OCFO-GAO@EPA, Bobbie Trent/DC/USEPA/US@EPA

Cc: "Kehr, Christine" <KehrC@GAO.GOV>, "Patterson, Barbara L" <PattersonB@GAO.GOV>, "Rusco, Franklin" <RuscoF@gao.gov>

Date: 08/06/2012 02:38 PM

Subject: Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732)- DRAFT

August, 6, 2012

The Honorable Lisa P. Jackson

Administrator, Environmental Protection Agency

Dear Ms. Jackson:

Attached is a copy of our proposed report entitled Oil and Gas: Information on Shale Resources, Development, and Environmental and Public Health Risks (GAO-12-732). We are providing this draft for your review and comment before the report is issued. Our work was done under engagement code 361350.

We would like to obtain the department's comments from you or your designated representative by August 20, 2012. These

comments will be reflected in the final report. We prefer written comments and request that they be provided electronically. However, we will accept comments provided in hard copy, orally, or in an unsigned e-mail message. Please direct all comments and any questions you may have concerning this draft to Christine Kehr, Assistant Director, (214) 777-5675 or (KehrC@gao.gov) or Jay Spaan, Analyst In Charge, (214) 777-5636 or (SpaanJ@gao.gov).

This draft has not been fully reviewed within GAO, is subject to change, and must be safeguarded to prevent its improper disclosure. Please do not show or release its contents for any purpose. All drafts remain the property of GAO. Upon request, all electronic copies of drafts must be destroyed and any hard copies of drafts must be returned. We appreciate your cooperation in this matter.

Sincerely yours,

Frank Rusco  
Director, Natural Resources and Environment

Enclosure